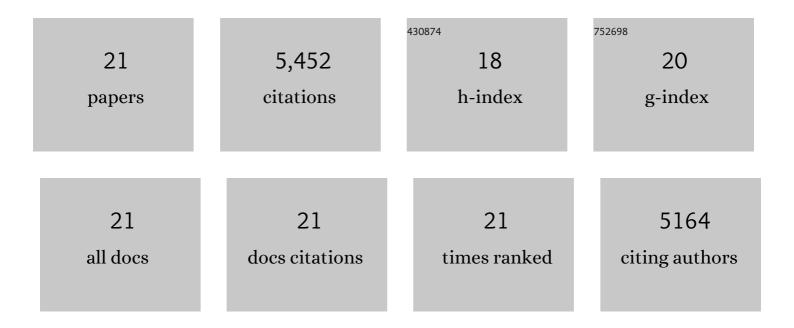
## William B F Ryan

List of Publications by Year in descending order

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ΜΠΙΙΑΜ R F RVAN

#	Article	IF	CITATIONS
1	Extension in the Tyrrhenian Sea and shortening in the Apennines as result of arc migration driven by sinking of the lithosphere. Tectonics, 1986, 5, 227-245.	2.8	1,602
2	Global Multiâ€Resolution Topography synthesis. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	1,428
3	Plate Tectonics and the Evolution of the Alpine System. Bulletin of the Geological Society of America, 1973, 84, 3137.	3.3	1,375
4	Volcanic Episodicity and a Nonâ€Steady State Rift Valley Along Northeast Pacific Spreading Centers: Evidence From Sea MARC I. Journal of Geophysical Research, 1986, 91, 13925-13940.	3.3	258
5	Decoding the Mediterranean salinity crisis. Sedimentology, 2009, 56, 95-136.	3.1	166
6	Spatial and temporal variability in the geochemistry of basalts from the East Pacific Rise. Nature, 1992, 359, 493-499.	27.8	121
7	The evolution of craters and calderas on young seamounts: Insights from SEA MARC I and Sea beam sonar surveys of a small seamount group near the axis of the East Pacific Rise at â^1⁄410°N. Journal of Geophysical Research, 1984, 89, 11069-11083.	3.3	116
8	Variations in Magnetic Intensity and Climatic Changes. Nature, 1971, 232, 549-551.	27.8	51
9	Magnetic Intensity and Climatic Changes 1925–1970. Nature, 1973, 242, 34-37.	27.8	51
10	Status of the Black Sea flood hypothesis. , 2007, , 63-88.		35
11	Accretion, structure and hydrology of intermediate spreading-rate oceanic crust from drillhole experiments and seafloor observations. Marine Geophysical Researches, 1992, 14, 93-123.	1.2	34
12	Magmatic subsidence of the East Pacific Rise (EPR) at 18º14′S revealed through fault restoration of ridge crest bathymetry. Geochemistry, Geophysics, Geosystems, 2003, 4, .	2.5	29
13	Sea-floor lava fields on the East Pacific Rise. Geology, 1985, 13, 413.	4.4	28
14	Flow line variations in abyssal hill morphology for the Pacific-Antarctic Ridge at 65°S. Journal of Geophysical Research, 1994, 99, 17921-17934.	3.3	28
15	Physiography and deposition on a distal deep-sea system: The Valencia Fan (Northwestern) Tj ETQq1 1 0.784314	rgBT /Ov	erlggk 10 Tf 5
16	Alongâ€axis variations within the plate boundary zone of the southern segment of the Endeavour Ridge. Journal of Geophysical Research, 1988, 93, 7856-7868.	3.3	23
17	Geodynamic responses to a two-step model of the Messinian salinity crisis. Bulletin - Societie Geologique De France, 2011, 182, 73-78.	2.2	23
18	Morphology of the Ebro fan valleys from SeaMARC and sea beam profiles. Geo-Marine Letters, 1985, 5, 141-148.	1.1	22

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#	Article	IF	CITATIONS
19	Morphology and downslope sediment displacement in a deep-sea valley, the Valencia Valley (Northwestern Mediterranean). Geo-Marine Letters, 1985, 5, 149-156.	1.1	20
20	Late Pleistocene to Holocene paleoenvironmental changes in the NW Black Sea. Journal of Quaternary Science, 2019, 34, 87-100.	2.1	10
21	Pacific trench motions controlled by the asymmetric plate configuration. Tectonics, 2008, 27, .	2.8	9